

## Processes for the preparation of octafluoro-[2,2] paracyclophane.

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Processes are disclosed for the preparation of octafluoro-[2,2]paracyclophane which utilize a low temperature, e.g., less than about 200 DEG C, and a reducing agent comprising titanium to promote the dimerization of dihalo-tetrafluoro-p-xlenes. One suitable reducing agent is prepared by combining TiCl<sub>4</sub> with LiAlH<sub>4</sub> in an organic solvent.

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